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ABSTRACT OF THE DISCLOSURE

        Systems and methods for improved electronic data storage
5   management that allow the file system to physically adapt and
optimize to a variety of add-on hardware components (such as
hard disks, removable drives, CD ROM drives, etc.) while
virtually maintaining a stable system configuration from an
application software point of view. The Redirector presents a
10   virtual view of the file system by providing a virtual view of
logical volumes. Through the use of a Redirector component,
all application program file API's to the operating system are
filtered; if the file, or directory is redirected, then the
call is sent in a modified form to the operating system to its
15   redirected physical location. The physical movement of files
is accomplished through the use of a Migrator component. The
Migrator makes a copy of the file, verifies the correctness of
the copy, updates the redirector table, and then removes the
physical file from its original location.

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